

REMARKS

The claims have been amended to make clear that the first beam sequence direction (while the array is being swept in one direction) is opposite that of the second beam sequence direction (while the array is being swept in the opposite direction). Claim 1, for instance, recites that the second sequence of beams is the reverse of the first sequence. Claim 8, for instance, recites that the second sequence of beams [is] in the opposite direction as the first sequence. Claim 13 already captures this concept by reciting that the first sequence of beams is scanned from the first side to the second side of the scan plane, while the second is from the second side to the first side.

Claims 8 and 13 have been corrected to recite that the sweep direction, the direction in which the array is moving, is the elevation direction, as this direction is normal to the azimuth direction of the array elements.

In view of the foregoing amendment and remarks, it is respectfully submitted that Claims 1-15 clearly distinguish over the cited references, as none of the references suggest reversing the beam scanning direction each time the sweep direction of the array changes.

In light of the foregoing amendment and remarks, it is respectfully submitted that this application is now in condition for allowance. Favorable reconsideration is respectfully requested.

Respectfully submitted,

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